

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5**

IN THE MATTER OF:

Clean Harbors Recycling Services of Ohio L.L.C.
581 Milliken Drive, Southeast
Hebron, Ohio 43025

ATTENTION: Monte L. Londot
General Manager

Request to Provide Information Pursuant to the Clean Air Act

The U.S. Environmental Protection Agency is requiring Clean Harbors Recycling Services of Ohio L.L.C. (Clean Harbors or you) to submit certain information and sample air emissions in accordance with prescribed procedures about the facility at 581 Milliken Drive, Southeast, Hebron, Ohio. Appendix A provides the instructions needed to comply with this information request, including instructions for electronic submissions. Appendix B specifies the information that you must submit and procedures for sampling emissions. You must sample air emissions and submit the requested information in accordance with the time periods specified in Appendix B.

We are issuing this information request under Section 114(a) of the Clean Air Act (the CAA), 42 U.S.C. § 7414(a). Section 114(a) authorizes the Administrator of EPA to require the submission of information and sampling emissions. The Administrator has delegated this authority to the Director of the Air and Radiation Division, Region 5.

Clean Harbors owns and operates emission sources at the Hebron, Ohio facility. We are requesting this information to determine whether your emission sources are complying with the Ohio State Implementation Plan, the National Emission Standards for Hazardous Air Pollutants from Off-Site Waste and Recovery Operations (40 C.F.R. Part 63, Subpart DD), and the National

Emission Standards for Hazardous Air Pollutants: Organic Liquids Distribution (Non-Gasoline)
(40 C.F.R. Part 63, Subpart EEEE).

Clean Harbors must send all required information to:

Attn: Compliance Tracker, AE-17J
Air Enforcement and Compliance Assurance Branch
U.S. Environmental Protection Agency
Region 5
77 W. Jackson Boulevard
Chicago, Illinois 60604

Clean Harbors must submit all required information under an authorized signature with
the following certification:

I certify under penalty of law that I have examined and am familiar with the information in the enclosed documents, including all attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are, to the best of my knowledge and belief, true and complete. I am aware that there are significant penalties for knowingly submitting false statements and information, including the possibility of fines or imprisonment pursuant to Section 113(c)(2) of the Clean Air Act and 18 U.S.C. §§ 1001 and 1341.

As explained more fully in Appendix C, you may assert a claim of business confidentiality under 40 C.F.R. Part 2, Subpart B for any part of the information you submit to us. Information subject to a business confidentiality claim is available to the public only to the extent, and by means of the procedures, set forth at 40 C.F.R. Part 2, Subpart B. If you do not assert a business confidentiality claim when you submit the information, EPA may make this information available to the public without further notice. You should be aware, moreover, that pursuant to Section 114(c) of the CAA and 40 C.F.R. § 2.301(a) and (f), emissions data, standards and limitations are not entitled to confidential treatment and shall be made available to the public notwithstanding any assertion of a business confidentiality claim. Appendix C provides additional information regarding the meaning and scope of the term “emissions data.”

This information request is not subject to the Paperwork Reduction Act, 44 U.S.C. § 3501 *et seq.*, because it seeks to collect information from specific individuals or entities as part of an administrative action or investigation.

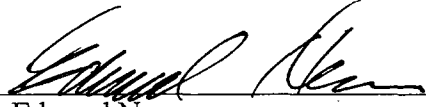
We may use any information submitted in response to this request in an administrative, civil, or criminal action.

Failure to comply fully with this information request may subject Clean Harbors to an enforcement action under Section 113 of the CAA, 42 U.S.C. § 7413.

You should direct any questions about this information request to Charles Hall at hall.charles@epa.gov or (312) 353-3443.

Date

1/12/17


Edward Nam
Director
Air and Radiation Division

Appendix A

When providing the information requested in Appendix B, use the following instructions and definitions.

Instructions

1. Provide a separate narrative response to each question and subpart of a question set forth in Appendix B.
2. Precede each answer with the number of the question to which it corresponds and at the end of each answer, identify the person(s) who provided information used or considered in responding to that question, as well as each person consulted in the preparation of that response.
3. Indicate on each document produced, or in some other reasonable manner, the number of the question to which it corresponds.
4. When a response is provided in the form of a number, specify the units of measure of the number in a precise manner.
5. Where information or documents necessary for a response are neither in your possession nor available to you, indicate in your response why the information or documents are not available or in your possession, and identify any source that either possesses or is likely to possess the documents or information.
6. If information not known or not available to you as of the date of submission later becomes known or available to you, you must supplement your response. Moreover, should you find at any time after the submission of your response that any portion of the submitted information is false or incorrect, you must notify EPA as soon as possible.

Electronic Submissions

To aid in our electronic recordkeeping efforts, we request that you provide all documents responsive to this information request in an electronic format according to paragraphs 1 through 6, below. These submissions are in lieu of hard copy.

1. Provide all responsive documents in Portable Document Format (PDF) or similar format, unless otherwise requested in specific questions. If the PDFs are scanned images, perform at least Optical Character Recognition (OCR) for "image over text" to allow the document to be searchable. Submitters providing secured PDFs should also provide unsecured versions for EPA use in repurposing text.
2. When specific questions request data in electronic spreadsheet form, provide the data and corresponding information in editable Excel or Lotus format, and not in image format. If Excel or Lotus formats are not available, then the format should allow for data to be used in calculations by a standard spreadsheet program such as Excel or Lotus.

3. Provide submission on physical media such as compact disk, flash drive or other similar item.
4. Provide a table of contents for each compact disk or flash drive containing electronic documents submitted in response to our request so that each document can be accurately identified in relation to your response to a specific question. *We recommend the use of electronic file folders organized by question number.* In addition, each compact disk or flash drive should be labeled appropriately (e.g., Company Name, Disk 1 of 4 for Information Request Response, Date of Response).
5. Documents claimed as confidential business information (CBI) must be submitted on separate disks/drives apart from the non-confidential information. This will facilitate appropriate records management and appropriate handling and protection of the CBI. Please follow the instructions in Appendix C for designating information as CBI.
6. Certify that the attached files have been scanned for viruses and indicate what program was used.

Definitions

All terms used in this information request have their ordinary meaning unless such terms are defined in the CAA, 42 U.S.C. §§ 7401 *et seq.*, the National Emission Standards for Hazardous Air Pollutants from Off-Site Waste and Recovery Operations (40 C.F.R. Part 63, Subpart DD), or the National Emission Standards for Hazardous Air Pollutants: Organic Liquids Distribution (Non-Gasoline) (40 C.F.R. Part 63, Subpart EEEE).

Appendix B

Information You Are Required to Submit to EPA

Clean Harbors must submit the following information pursuant to Section 114(a) of the CAA, 42 U.S.C. § 7414(a):

1. Within 14 days of its receipt of this request, Clean Harbors shall submit a summary of all periods from January 2012 to present during which the static pressure drop across the scrubber was not maintained at a range of 1 to 4 inches of water at all times while the regenerative fume oxidizer (RFO) was in operation.
2. Within 14 days of its receipt of this request, Clean Harbors shall submit all quarterly deviation (excursion) reports, covering the period from January 2012 to present, that were submitted to Ohio EPA identifying all periods of time during which the static pressure drop across the scrubber was not maintained at or above the required level.
3. Except has otherwise provided herein, Clean Harbors shall conduct a performance test in accordance with 40 C.F.R. § 63.694(l) to measure the destruction and removal efficiency (DRE) of its RFO located at 581 Milliken Drive, S.E., Hebron, Ohio, within 45 calendar days of receipt of this request.
4. Clean Harbors shall submit a performance test protocol and the scheduled testing date to U.S. EPA within 30 calendar days of receipt of this request. U.S. EPA shall approve the test protocol in writing prior to implementation. The test protocol shall include the following information:
 - a. Name and address of facility;
 - b. Name, title, telephone number, e-mail address and facsimile number of contact person at the facility who is responsible for overseeing performance test;
 - c. Schematic drawing(s) of stack(s), temporary enclosure(s), permanent enclosure(s), and sample port(s);
 - d. Name, contact person, telephone number, e-mail address and facsimile number for testing company contracted to conduct the test;
 - e. Process diagram(s) describing all pieces of equipment and bypasses. Diagram(s) should include the flow of material through each process from raw material to finished product and should have all air pollution emission points identified by name.
 - f. List of the methods to be used to determine and demonstrate the accurate emission rate of each pollutant;
 - g. Number of test runs, length of test run, and sampling rate for each method;
 - h. Summary of reasons for proposing to use any alternative or equivalent method;
 - i. Clean Harbors must specify one or more hazardous air pollutant constituents (HAPC) that are representative of the most difficult to destroy volatile organic hazardous air pollutants (VOHAP) in the feedstreams to the RFO. Clean Harbors must base this specification on the degree of difficulty of incineration of the

- VOHAPs in the waste and on their concentration or mass in the feedstream, considering the results of waste analyses or other data and information.
- j. A description of the operating procedures and conditions that will maximize the HAPC(s) feed rate, identified pursuant to 4.i., into the RFO during the performance test;
 - k. A description of the monitoring procedures for and equipment on the RFO to be used during the test; and
 - l. A description of the monitoring procedures for and equipment on the RFO's scrubber to be used during the test;
5. Clean Harbors shall submit an Intent to Test Notification to the Ohio Environmental Protection Agency (Ohio EPA) at least 30 days before the test begins.
 6. The DRE performance test shall consist of three 1-hour runs during which Clean Harbors will maximize the feed rate of the HAPC(s), identified pursuant to 4.i., into the RFO.
 7. Clean Harbors shall conduct the performance test while operating the emission units, including, but not limited to Ohio EPA Facility ID 0145020235 Emission Unit IDs J002, J003, P001, P002, P003, P004, P005, P006, P007, P008, P009, P010, P011, P013, P016, P017, and any other emission unit, as that term is defined in Ohio Administrative Code 3745-31-01(OO), that exhaust emissions to the RFO at rates that maximize the feed rate of the HAPC(s), identified pursuant to 4.i., into the RFO.
 8. Clean Harbors shall use the following test methods:
 - a. Method 1 or 1A of 40 C.F.R. Part 60, Appendix A, as appropriate, to select the sampling sites at the inlet and outlet of the RFO.
 - b. Method 2, 2A, 2C, or 2D of 40 C.F.R. Part 60, Appendix A, as appropriate, to determine the gas volumetric flow rate.
 - c. Method 3 or 3B, as appropriate, to determine the concentrations of oxygen, carbon dioxide, and nitrogen.
 - d. Method 4 to determine the moisture content of the RFO's inlet and outlet gases.
 - e. Method 18 of 40 C.F.R. Part 60, Appendix A, to measure the concentrations of volatile organic compounds in the RFO's inlet and outlet gases. Alternatively, Clean Harbors may use any other method that has been validated according to applicable procedures in Method 301 in 40 C.F.R. Part 63, Appendix A.
 9. Clean Harbors shall use the appropriate procedures and equations in 40 C.F.R. § 63.694(l) to calculate the destruction and removal efficiency for each test run, except that Clean Harbors shall calculate the mass rate of total organic carbon (minus methane and ethane) and total VOHAPs using the equations in 40 C.F.R. § 63.694(l)(3)(ii)(A), and use each of these calculations to calculate separate control efficiencies (R_{cd}), one using total organic carbon and another using total VOHAPs.
 10. Between the date of receipt of this request and the completion of the performance test, Clean Harbors shall perform only previously scheduled daily, weekly, or monthly routine

maintenance on the RFO that the manufacturer recommends in the RFO manual or a related document.

11. Clean Harbors shall submit a performance test report within 30 calendar days of completion of the performance test. The report must include the following information:
 - a. Name and location of the facility;
 - b. Identification of emissions unit(s) tested;
 - c. Date of the performance test;
 - d. Name and address of testing company or agency;
 - e. Test location, type of process;
 - f. HAPCs tested;
 - g. RFO feed and emission rates of total organic compounds and HAPC, in kilograms per hour;
 - h. Production rates of Ohio Facility ID 0145020235 Emission Unit IDs J002, J003, P001, P002, P003, P004, P005, P006, P007, P008, P009, P010, P011, P013, P016, P017, and any other emission unit, as that term is defined in Ohio Administrative Code 3745-31-01(OO), that feeds its emissions to the RFO during the tests;
 - i. A discussion of any deviations from the reference test methods;
 - j. A discussion of errors, both real and apparent;
 - k. A description of the quality control/ quality assurance procedures, tests and results;
 - l. A diagram of the sampling port locations and dimensions of the cross-section;
 - m. The average RFO combustion chamber temperature during each test run;
 - n. The average pressure drop across the RFO's scrubber during each test run;
 - o. The operating rate of Ohio Facility ID 0145020235 Emission Unit IDs J002, J003, P001, P002, P003, P004, P005, P006, P007, P008, P009, P010, P011, P013, P016, P017, and any other emission unit, as that term is defined in Ohio Administrative Code 3745-31-01(OO), that feeds its emissions to the RFO; and
 - p. A description of Clean Harbors' selection of its HAPC and the candidate HAPCs that Clean Harbors did not select.
12. The Appendix to the test report shall include:
 - a. Complete results, including any fuel analysis, with example calculations, showing equations used and actual results in equation form on same or adjacent pages, using applicable equations shown in the reference method;
 - b. Copies of any and all raw field data;
 - c. Laboratory report with signed chain of custody forms;
 - d. Raw production data;
 - e. Test log, including date and time that test crew arrived at the facility, the time that all testing equipment was set up, the time that each test run began, and whether any test runs were interrupted or aborted and the reason(s);
 - f. Calibration procedures and results, including, but not limited to, Pitot tube, nozzle, meter box, thermometer, and barometer calibrations; and
 - g. Names and titles of all employees, agents and contractors who participated in emission testing.

Appendix C

Confidential Business and Personal Privacy Information

Assertion Requirements

You may assert a business confidentiality claim covering any parts of the information requested in the attached Appendix B, as provided in 40 C.F.R. § 2.203(b).

Emission data provided under Section 114 of the CAA, 42 U.S.C. § 7414, is not entitled to confidential treatment under 40 C.F.R. Part 2.

“Emission data” means, with reference to any source of emissions of any substance into the air:

Information necessary to determine the identity, amount, frequency, concentration or other characteristics (to the extent related to air quality) of any emission which has been emitted by the source (or of any pollutant resulting from any emission by the source), or any combination of the foregoing;

Information necessary to determine the identity, amount, frequency, concentration or other characteristics (to the extent related to air quality) of the emissions which, under an applicable standard or limitation, the source was authorized to emit (including to the extent necessary for such purposes, a description of the manner and rate of operation of the source); and

A general description of the location and/or nature of the source to the extent necessary to identify the source and to distinguish it from other sources (including, to the extent necessary for such purposes, a description of the device, installation, or operation constituting the source).

40 C.F.R. § 2.301(a)(2)(i)(A), (B) and (C).

To make a confidentiality claim, submit the requested information and indicate that you are making a claim of confidentiality. Any document for which you make a claim of confidentiality should be marked by attaching a cover sheet stamped or typed with a caption or other suitable form of notice to indicate the intent to claim confidentiality. The stamped or typed caption or other suitable form of notice should employ language such as “trade secret” or “proprietary” or “company confidential” and indicate a date, if any, when the information should no longer be treated as confidential. Information covered by such a claim will be disclosed by EPA only to the extent permitted and by means of the procedures set forth at Section 114(c) of the CAA and 40 C.F.R. Part 2. Allegedly confidential portions of otherwise non-confidential documents should be clearly identified. EPA will construe the failure to furnish a confidentiality claim with your response to the Request to Provide Information as a waiver of that claim, and the information may be made available to the public without further notice to you.

13. As part of the test report or with it, and within 30 calendar days of completion of the performance test, Clean Harbors shall provide a description of all maintenance and operational inspections conducted between date of testing request and date of the test, including any major cleaning operations and replacement, repair, or modification of functional components of process or control equipment. Clean Harbors shall identify whether the maintenance and operational inspections were scheduled before its receipt of this Request for Information.

Determining Whether the Information is Entitled to Confidential Treatment

All confidentiality claims are subject to EPA verification and must be made in accordance with 40 C.F.R. § 2.208, which provides in part that you must satisfactorily show that you have taken reasonable measures to protect the confidentiality of the information and that you intend to continue to do so; that the information is not and has not been reasonably obtainable by legitimate means without your consent and that disclosure of the information is likely to cause substantial harm to your business's competitive position.

Pursuant to 40 C.F.R. Part 2, Subpart B, EPA may at any time send you a letter asking that you support your confidential business information (CBI) claim. If you receive such a letter, you must respond within the number of days specified by EPA. Failure to submit your comments within that time would be regarded as a waiver of your confidentiality claim or claims, and EPA may release the information. If you receive such a letter, EPA will ask you to specify which portions of the information you consider confidential **by page, paragraph, and sentence**. Any information not specifically identified as subject to a confidentiality claim may be disclosed to the requestor without further notice to you. For each item or class of information that you identify as being CBI, EPA will ask that you answer the following questions, giving as much detail as possible:

1. For what period of time do you request that the information be maintained as confidential, e.g., until a certain date, until the occurrence of a special event, or permanently? If the occurrence of a specific event will eliminate the need for confidentiality, please specify that event.
2. Information submitted to EPA becomes stale over time. Why should the information you claim as confidential be protected for the time period specified in your answer to question number 1?
3. What measures have you taken to protect the information claimed as confidential? Have you disclosed the information to anyone other than a governmental body or someone who is bound by an agreement not to disclose the information further? If so, why should the information still be considered confidential?
4. Is the information contained in any publicly available databases, promotional publications, annual reports or articles? Is there any means by which a member of the public could obtain access to the information? Is the information of a kind that you would customarily not release to the public?
5. Has any governmental body made a determination as to confidentiality of the information? If so, please attach a copy of the determination.
6. For each category of information claimed as confidential, **explain with specificity** why release of the information is likely to cause substantial harm to your competitive position. Explain the specific nature of those harmful effects, why they should be viewed as substantial and the causal relationship between disclosure and such harmful effects. How could your competitors make use of this information to your detriment?

7. Do you assert that the information is submitted on a voluntary or a mandatory basis? Please explain the reason for your assertion. If you assert that the information is voluntarily submitted information, explain whether and why disclosure of the information would tend to lessen the availability to EPA of similar information in the future.
8. Is there any other information you deem relevant to EPA's determination regarding your claim of business confidentiality?

If you receive a request for a substantiation letter from the EPA, **you bear the burden of substantiating your confidentiality claim.** Conclusory allegations will be given little or no weight in the determination. In substantiating your CBI claim(s), you must bracket all text so claimed and mark it "CBI." Information so designated will be disclosed by EPA only to the extent allowed by and by means of the procedures set forth in 40 C.F.R. Part 2, Subpart B. If you fail to claim the information as confidential, it may be made available to the public without further notice to you.

Personal Privacy Information

Please segregate any personnel, medical and similar files from your responses and include that information on a separate sheet(s) marked as "Personal Privacy Information." Disclosure of such information to the general public may constitute an invasion of privacy.

CERTIFICATE OF MAILING

I, Tina Robinson, certify that I sent a Request to Provide Information Pursuant to the Clean Air Act by Certified Mail, Return Receipt Requested, to:

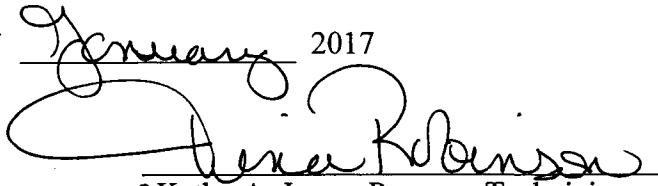
Monte L. Londot
General Manager
Clean Harbors Recycling Services of Ohio L.L.C.
581 Milliken Drive, Southeast
Hebron, Ohio 43025

I also certify that I sent a copy of the Request to Provide Information Pursuant to the Clean Air Act by First-Class Mail to:

Robert Hodanbosi, Chief
Division of Air Pollution Control
Ohio Environmental Protection Agency
P.O. Box 1049
Columbus, Ohio 43216-1049

Kelly Toth, Manager
Division of Air Pollution Control
Ohio Environmental Protection Agency
Central District Office
P.O. Box 1049
Columbus, Ohio 43216-1049

on the 18th day of January 2017


For Kathy A. Jones, Program Technician
AECAB, PAS

Certified Mail Receipt Number: 7014 2870 0001 9578 8971